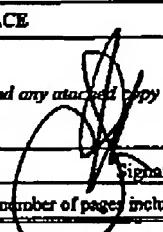
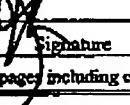


RECORDATION FORM COVER SHEET		U.S. Department of Commerce Patent and Trademark Office
FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) PATENTS ONLY		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.		
1. Name of conveying party(ies): Jorge L. Gardea-Torresdey, Jason G. Parsons, Jose R. Peralta-Videa, Eduardo Gomez, and Miguel Jose-Yacaman Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: Board of Regents, The University of Texas System Street Address: 201 West 7th Street City: Austin State: Texas Zip: 78701 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: 3/8/04, 8/23/04, 3/5/04, 3/5/04, 7/19/04		
4. Application number(s) or registration number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s): 10/732,927 B. Patent No.(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Steven L. Highlander FULBRIGHT & JAWORSKI, L.L.P. 600 Congress Avenue, Suite 2400 City: Austin State: Texas Zip: 78701		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 C.F.R. 3.41) <u>\$ 40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account if check insufficient or inadvertently omitted 8. Deposit account number: <u>50-1212/UTSE:103US</u> (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE		
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Steven L. Highlander  Name of Person Signing, Reg. No. 37,642  Signature Date Total number of pages including cover sheet, attachments and documents: <u>13</u>		

CERTIFICATE OF MAILING	
37 C.F.R. 1.6	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: MS ASSIGNMENT & RECORDATIONSERVICES, Director of the U.S. Patent and Trademark, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below: <u>September 14, 2004</u>  Date <u>September 14, 2004</u>	

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PATENT
FILE NO. UTSE:103US

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM (the "Assignee"), having a place of business at 201 West 7th Street, Austin, Texas 78701, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/732,927 which has been filed on December 10, 2003 and is entitled "**THE PREPARATION OF METAL NANOPARTICLES IN PLANTS**", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: Jorge L.
Name: Jorge L. Gardea-Torresdey

Date: 3/8/04

STATE OF _____)
COUNTY OF Edinburg) ss.
)

BEFORE ME, the undersigned authority, on this 6th day of March, 2004 personally appeared Jorge L. Gardea-Torresdey, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[SEAL]

LANNA R. TALLMON
MY COMMISSION EXPIRES
June 8, 2007

Lannda R. Tallmon
Notary or Consular Officer

Signature: _____ Date: _____
Name: Jason G. Parsons

STATE OF _____)
COUNTY OF _____) ss.
)

BEFORE ME, the undersigned authority, on this _____ day of _____, 2004 personally appeared Jason G. Parsons, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

Signature: *[Signature]*
 Name: Jose R. Peralta-Videa

Date: 5th of March, 2004

STATE OF)
 COUNTY OF El Paso) ss.

BEFORE ME, the undersigned authority, on this 5th day of March, 2004 personally appeared Jose R. Peralta-Videa, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



LANNA R. TALLMON
MY COMMISSION EXPIRES
June 3, 2007

[SEA]

[Signature]

Notary or Consular Officer

Signature: *[Signature]*
 Name: Eduardo Gomez

Date: 5th of March, 2004

STATE OF)
 COUNTY OF El Paso) ss.

BEFORE ME, the undersigned authority, on this 5th day of March, 2004 personally appeared Eduardo Gomez, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



LANNA R. TALLMON
MY COMMISSION EXPIRES
June 3, 2007

[SEA]

[Signature]

Notary or Consular Officer

Signature: _____
Name: Miguel Jose-Yacaman

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this _____ day of _____, 2004 personally appeared Miguel Jose-Yacaman, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701

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PATENT
FILE NO. UTSE:103US

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM (the "Assignee"), having a place of business at 201 West 7th Street, Austin, Texas 78701, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/732,927 which has been filed on December 10, 2003 and is entitled "**THE PREPARATION OF METAL NANOPARTICLES IN PLANTS**", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: _____
Name: Jorge L. Gardea-Torresdey

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this _____ day of _____, 2004 personally appeared Jorge L. Gardea-Torresdey, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

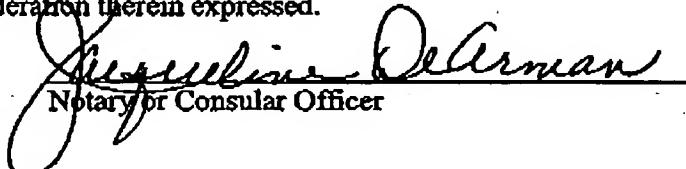
[SEAL]

Signature: 
Name: Jason G. Parsons

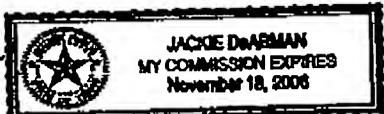
Date: Aug 23 2003

STATE OF TEXAS)
) ss.
COUNTY OF ELPASO)

BEFORE ME, the undersigned authority, on this 23rd day of August, 2004 personally appeared Jason G. Parsons, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.


Notary or Consular Officer

[SEAL]



Signature: _____ Date: _____
Name: Jose R. Peralta-Videa

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this _____ day of _____, 2004 personally appeared Jose R. Peralta-Videa, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: _____ Date: _____
Name: Eduardo Gomez

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this _____ day of _____, 2004 personally appeared Eduardo Gomez, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

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Signature: _____
Name: Miguel Jose-Yacaman

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this _____ day of _____, 2004 personally appeared Miguel Jose-Yacaman, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701

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PATENT
FILE NO. UTSE:103US

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM (the "Assignee"), having a place of business at 201 West 7th Street, Austin, Texas 78701, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/732,927 which has been filed on December 10, 2003 and is entitled "**THE PREPARATION OF METAL NANOPARTICLES IN PLANTS**", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: _____ Date: _____
Name: Jorge L. Gardea-Torresdey

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2004 personally appeared Jorge L. Gardea-Torresdey, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: _____ Date: _____
Name: Jason G. Parsons

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2004 personally appeared Jason G. Parsons, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

25375589.1

Signature: _____ Date: _____
Name: Jose R. Peralta-Videa

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this _____ day of _____, 2004 personally appeared Jose R. Peralta-Videa, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: _____ Date: _____
Name: Eduardo Gomez

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this _____ day of _____, 2004 personally appeared Eduardo Gomez, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: Miguel Jose-Yacaman
Name: Miguel Jose-Yacaman

Date: 7/19/04 JS7/20/04

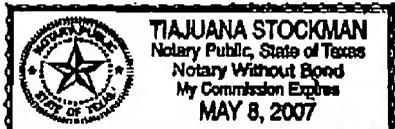
STATE OF Texas)
) ss.
COUNTY OF Travis)

BEFORE ME, the undersigned authority, on this 19 day of July, 2004 personally appeared Miguel Jose-Yacaman, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Tiajuana Stockman
Notary or Consular Officer

[SEAL]

FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701



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